#2

Sheet 1 of 3

Form PTO-1449

# US Dept. of Commerce PATENT & TRADEMARK OFFICE

ATTY DOCKET NO. D/A1251

APPLICATION NO. 10/005,930

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

APPLICANT Hany Aziz et al.

1/8/2001

GROUP ART UNI

U.S.	PAT	ENT	DOCU	MENTS
------	-----	-----	------	-------

FILING DATE

U.S. PATENT DOCUMENTS			OCCUMENTS	·	, S
EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE	CLASS	SUB CLASS
Dy	4,356,429	10/26/1982	Tang	313	503
Def	4,539,507	9/3/1985	VanSlyke et al.	313	504
Def	4,720,432	1/19/1988	VanSlyke et al.	428	457
Det	4,769,292	9/6/1988	Tang et al.	428	690
Det	5,061,569	10/29/1991	VanSlyke et al.	428	457
Det	5,141,671	8/25/1992	Bryan et al.	252	301.16
DY	5,150,006	9/22/1992	VanSlyke et al.	313	504
Det	5,151,629	9/29/1992	VanSlyke et al.	313	504
Det	5,227,252	7/13/1993	Murayama et al.	428	690
Det	5,516,577	5/14/1996	Matsuura et al.	428	212
Dy	5,601,903	2/11/1997	Fujii et al.	428	212
Ry	5,739,635	4/14/1998	Wakimoto	313	504
Dy	5,846,666	12/8/1998	Hu et al.	428	690
Det	5,853,905	12/29/1998	So et al.	428	690
Des	5,925,472	7/20/1999	Hu et al.	428	690
Def	5,925,980	7/20/1999	So et al.	313	504

### FOREIGN PATENT DOCUMENTS

COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION Y/N
		7.		

OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)

Q\$	Copending Application Serial No. 09/357,551, f DEVICES HAVING IMPROVED EFFICIENCY AND	filed July 20, 1999, on "ORGANIC LIGH DOPERATION LIFETIME" by Hany Aziz et a	T EMITTING al.
Dy	Copending Application Serial No. 09/606,670, find DEVICES HAVING IMPROVED PERFORMANCE	iled June 30, 2000, on "ORGANIC LIGH " by Hany Aziz et al.	T EMITTING
Dy	Copending Application Serial No. 09/800,716 of Improved Contrast and Reduced Dark Spot Growth	on "Cathodes For Electroluminescent De h" by Yoon-Fei Liew et al.	vices Having
EXAMIN	ER Standt	DATE CONSIDERED	6/10/201

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

# US Dept. of Commerce PATENT & TRADEMARK OFFICE

ATTY DOCKET NO. D/A1251

APPLICATION NO.

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

APPLICANT Hany Aziz et al.

FILING DATE ///8/200/

GROUP ART UNIT

### U.S. PATENT DOCUMENTS

l		O.O. TATENT DO			
EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE	CLASS	SUB CLASS
Det	5,935,720	8/10/1999	Chen et al.	428	690
Sy	5,942,340	8/24/1999	Hu et al.	428	690
Ø4	5,952,115	9/14/1999	Hu et al.	428	690
Q80	6,020,078	2/1/2000	Chen et al.	428	690
828/	6,048,630	4/11/2000	Burrows et al.	428	690
D88	6,057,048	5/2/2000	Hu et al.	428	690
Ber	6,114,055	9/5/2000	Choong et al.	428	690
Det	6,130,001	10/10/2000	Shi et al.	428	690
DIV	6,229,012	5/8/2001	Hu et al.	544	180

#### FOREIGN PATENT DOCUMENTS

	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION Y/N

OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)

Copending Application Serial No. 09/770,159, filed January 26, 2001, on "ORGANIC LIGHT EMITTING DEVICES" by Hany Aziz et al.

Copending Application Serial No. 09/770,154, filed January 26, 2001, on "ELECTROLUMINESCENT DEVICES" by Hany Aziz et al.

Copending Application Serial No. 09/935,031, filed August 22, 2001, on "OLEDS HAVING LIGHT ABSORBING ELECTRODE" by Hany Aziz et al.

S.A. VAN SLYKE et al., "Organic Electroluminescent Devices with Improved Stability", Appl. Phys. Lett. 69, pp. 2160-2162, 1996

KIDO et al., "Organic Electroluminescent Devices Based on Molecularly Doped Polymers", Appl. Phys. Lett. 61, pp. 761-763, 1992

S. NAKA et al., "Organic Electroluminescent Devices Using a Mixed Single Layer," Jpn. J. Appl. Phys. 33, pp. L1772- L1774, 1994

W. WEN et al., Appl. Phys. Lett. 71, 1302 (1997)

C. WU et al., "Efficient Organic Electroluminescent Devices Using Single-Layer Doped Polymer Thin Films with Bipolar Carrier Transport Abilities", IEEE Transactions on Electron Devices 44, pp. 1269-1281, 1997

examiner Daun Janett

DATE CONSIDERED 6/10/2005

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

# US Dept. of Commerce PATENT & TRADEMARK OFFICE

ATTY DOCKET NO. D/A1251

APPLICATION NO. 10/005, 930

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

APPLICANT Hany Aziz et al.

2001

GROUP ART UNIT

## U.S. PATENT DOCUMENTS

FILING DATE

53444 WIED		PUBLICATION			SUB
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME OF PATENTEE	CLASS	CLASS
					<del></del>
				<u>-                                    </u>	

### FOREIGN PATENT DOCUMENTS

COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION Y/N

OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)

Des	H. AZIZ et al., Science 283, 1900 (1999)
Def	Z.D. POPOVIC et al., <i>Proceedings of the SPIE</i> , Vol. 3176, "Organic Light-Emitting Materials and Devices II", San Diego, CA, July 21-23, 1998, pp. 68 to 73
Des	Y. HAMADA et al., "Influence of the Emission Site on the Running Durability of Organic Electroluminescent Devices", <i>Jpn. J. Appl. Phys.</i> 34, pp. L824-L826, 1995
DO	ZHOU et al., "Real-Time Observation of Temperature Rise and Thermal Breakdown Processes in Organic Leds Using an IR Imaging And Analysis System", <i>Advanced Materials</i> 12, pp 265-269, 2000
90	J.R. SHEATS et al., "Organic Electroluminescent Devices", Science 273, pp. 884-888, 1996
SO	S. TOKITO et al., "High-Temperature Operation of an Electroluminescent Device Fabricated Using a Novel Triphenylamine Derivative", <i>Appl. Phys. Lett.</i> 69, 878 (1996)
Dej	KIDO et al., "White light emitting organic electroluminescent device using lanthanide complexes", <i>Jpn. J. App. Phys.</i> , Volume 35, pp. L394-L396 (1996)
Øg	BALDO et. al., "Highly efficient organic phosphorescent emission from organic electroluminescent devices", Letters to Nature, Volume 395, pp 151-154 (1998)
EXAMIN	2000 / Wood
Examin	er: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if

not in conformance and not considered. Include copy of this form with next communication to applicant.